Passaic Dynamic Bioaccumulation Model – Instructions for Designating Input Files

Background

Windward Environmental's dynamic bioaccumulation model for the Passaic River uses chemical fate and transport data provided by Anchor QEA as the chemical and physical inputs for predicted tissue concentrations. These data are contained in Excel workbooks. The model is currently configured to find and read these workbooks from Windward's internal network. To run the model outside of Windward's network, the location of the input files must be specified within the dynamic bioaccumulation model. This document contains the instructions to perform this change.

Instructions

1. Open dynamic bioaccumulation model (file named "20140207 bioaccumulation model template – Dynamic" in 2/7/14 transmission)
2. Right-click any of the worksheet name tabs, select Unhide, select "Reference" worksheet, and click OK
3. On your local network browse to the folder that contains the input file (file named "Passaic_Model_Input_5lay_WY2013-2057_140124 - for EPA 2014.02.07" in 2/7/14 transmission)
4. Copy folder location e.g., W:\Projects\06-58-01 Passaic RI\Data\Food Web Model\FWM - Dynamic modeling\F&T Inputs
5. Paste folder location into cell G1 in "Reference" worksheet
6. Append a backslash ("\") to folder location in cell G1
7. Save the model
8. Close the model
9. Re-open the model
10. On the "Reference" worksheet confirm that input file name is present in the lists starting in cells F5 and G5
11. On "inputs" worksheet click the "Run Model" button at top of worksheet
12. The input file should appear in the dropdown menu for step 1 in the user form
13. To run the model select the input file and click the "Run Model" button
14. While model is running Excel will be unavailable. Model run time should be around 2-5 minutes for one chemical. Model run is complete when Excel becomes available again.

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